

EXPRESS MAIL LABEL NO. EV370220837US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Continuation Of:**

Applicant(s): Fred T. Lee, *et al.*  
Serial No.: 10/167,681  
Filed: June 10, 2002  
For: Multipolar Electrode System for Volumetric Radiofrequency Ablation  
Grp. Art Unit: 3739  
Docket No.: 960296.00160

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**INFORMATION DISCLOSURE STATEMENT**

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- ☒ (1) Pursuant to 37 CFR 1.97(b)  
(within 3 months of filing or prior to mailing of 1<sup>st</sup> Office Action)
- ☐ (2) Certification Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- ☐ (3) Fee Payment Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- ☐ (4) Petition, Certification & Petition Fee Payment Pursuant to 37 CFR  
1.97(d) (before issue fee payment)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- ☒ (5) A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ (6) 37 CFR 1.97(b) (within 3 months of filing or prior to 1<sup>st</sup> Office Action)
- ☐ (7) 37 CFR 1.97(c) (before Final Office Action or Allowance, whichever is earlier); and
  - ☐ (8) The required certification made in item 11 below; or
  - ☐ (9) The \$240.00 fee specified in 36 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☐ (10) 37 CFR 1.97(d) (before issue fee payment); and

- [a] (This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$\_\_\_\_\_.00 required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and
- [b] The required Certification is stated in item 11 below.
- ☐ (11) Certification
- ☐ (12) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- ☐ (13) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- ☐ (14) Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 17-0055.

Respectfully submitted,

Fred T. Lee, *et al.*

By: 

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Reg. No. 41,756  
Attorney for Applicant  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Application Number

Filing Date

March 9, 2004

First Named Inventor

Fred T. Lee Jr.

### Art Unit

Examiner Name

Attorney Docket Number

960296.00160
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Sheet

1

of

2

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> <i>(if known)</i>				
	wo	00/06046	10.02.00	Radiotherapeutics Corp.		

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	March 9, 2004
		First Named Inventor	Fred T. Lee Jr.
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number 960296.00160	

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S. Tungitkusolmun, et al., "Thermal-electrical Finite Element Modeling for Radio-frequency Cardiac Ablation: Effects of Changes in Myocardial Properties," Med. Biol. Eng. Comput.	
		E. J. Woo, et al., "A New Catheter Design Using Needle Electrode for Subendocardial RF Ablation of Ventricular Muscles: Finite Element Analysis and In Vitro Experiments," IEEE Transactions on Biomedical Engineering 47(1) 2000	
		S. Tungitkusolmun, et al., "Finite Element Analyses of Uniform Current Density Electrodes for Radio-frequency Cardiac Ablation," IEEE Transactions on Biomedical Engineering 47(1) 2000	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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